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July 14, 1986

Board of Oil Gas and Mining

THROUGH: Lowell Braxton, Administrator Mineral Resource

Developement and Reclamation Program

FROM:

John J. Whitehead, Permit Supervisor/Reclamation

Hydrologist

RE:

Executive Summary, Iron Mountain Mine, PRO/021/008, Iron County, Utah

Attached is the Executive Summary for the Iron Mountain Mine. Public notice has been given and the 30-day comment period will be completed on August 15, 1986.

To expedite the final approval on this matter, the Division requests that the Board approve the amount and form of the surety prior to the public comment period concluding. no adverse comments are received at the end of the public comment period, the final approval will be given. If adverse public comments are received then the matter must be heard by the Board as required by Rule M-4.

djh 0844R-13

EXECUTIVE SUMMARY

Mine Name: Iron Mountain	I. D. No.: _ACT/021/008
Operator: U.S. Steel Corporation	County: Iron
Provo, Utah 84603	New/Existing: New
	Mineral Ownership: Private
Telephone: (801) 465-2532	Surface Ownership: Private
Contact Person: Roy Benson	Lease No.(s): N/A
Life of Mine: 3 Years	Permit Term: 3 Years
Legal Description: Section 2, Township 37S, Rar	nge 14 West,
Section 35, Township 36S, F	Range 14 West
Mineral(s) to be Mined: Iron Ores	
Mining Methods: Surface	
Acres to be Disturbed: 12 Acres	
Present Land Use: Disturbed Area, Old Lowgrade	e Stockpile
Postmining Land Use: Wildlife	
Variances from Reclamation Standards (Rule M-10) Granted: None	
Soils and Geology:	
Soil Description: Site is disturbed consisting of an old lowgrade stockpile.	
pH:	
Special Handling Problems: None known	
Geology Description: Hematite and Magnetite Ores (Metasomatic Replacements)	
Hydrology:	
Ground Water Description: Groundwater from an abandoned pit will be used in a wet	
magnetic separating process. This is a no-discharge system.	
Surface Water Description: No surface water drainages intersect the permit area.	
Water Monitoring Plan: None; a no-discharge operation is proposed.	
Ecology:	
Variation Turn(a), Business Co.	
Vegetation Type(s); Dominant Species: Sagebrush in surrounding area; mine site is currently disturbed.	
Percent Surrounding Vegetative Cover: Estimate	d 14% natural vegetation cover.
Wildlife Concerns: None; small site near dist	
Surface Facilities: Concrete bulkhead with al	l other facilities being portable.
Mining and Reclamation Plan Summary: (See attached)	
Surety:	
Amount: \$59,217	
Form:	
Renewable Term:	
0800R-69	

Iron Mountain Mine Operations and Reclamation Summary

During Operations:

- (1) An existing low-grade iron ore dump will be crushed, screened and separated.
- (2) Approximately 12 acres will be utilized over the 3-year life of the operation.

Following Operations:

- (1) The reject waste pile will be sloped to less than a 40° angle.
- (2) The disturbed area will be scarified and seeded.
- (3) All roads except those currently needed for access to private property will be scarified and seeded.